



# CASHFLOW & DRAWDOWN ANALYSIS

Retirement Income Strategies including Cashflow

## User Guide


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## Proposed Analysis Details

### Proposed Analysis

Calculation Date	<input type="text" value="22/02/2026"/> 
Projection Basis	<input type="radio"/> Monetary <input checked="" type="radio"/> Inflation Adjusted
Growth Rate Type	<input type="radio"/> Headline (e.g. 2%, 5%, 8%) <input checked="" type="radio"/> Adjusted Rate (e.g. 0%, 2.94%, 5.88%)
Override Personal Allowance(s)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Would you like the system to adjust the Target Income and Guaranteed Income by inflation?	<input type="radio"/> Yes <input checked="" type="radio"/> No

### Target Age

The **Target Age** is used to specify the age of which the analysis will run to. Alternatively, you can choose to simply use the ONS Period Life Expectancy tables.

Specify the age at which you want the analysis to run to

☐ Use ONS Life Expectancy

Field	Description
Calculation Date	This will default to today's date, but can be overridden if desired.
Projection Basis	Select <b>Monetary</b> or <b>Inflation Adjusted</b> .
Growth Rate Type	Select <b>Headline</b> or <b>Inflation Adjusted</b> .
Would you like the system to adjust the Target Income and Guaranteed Income by inflation?	If yes is selected, the system will adjust the income entered by inflation each year between calculation date and the date of the income withdrawal.
Target Age	Enter the future age to project to. ONS Life Expectancy can be used to estimate how long the client is expected to live, based on the information entered.



## Expenditure

The expenditure section can be used to demonstrate the client's estimated outgoings. Outgoings will be used to determine a minimum income requirement.

*(Please note this section is optional and will add an additional line into your final graphs alongside your target income in your report. This section will not affect the calculation of income withdrawals.)*

### Expenditure

Enter your client's known current and future **expenditure**. This will show alongside your target income in the report.

What is your client's expected expenditure

Name	Amount	Frequency	Start Age	End Age	
Monthly Outgoings	£1336	Monthly	55	Life	<a href="#">Edit</a> <a href="#">X</a>

Enter the client's expected outgoings. Once the details have been entered, click **Save** or **Save & Add New** to save the expenditure details.

### Expenditure

Enter your clients expected expenditure, this can be used to compare the clients income vs expenditure. The system will output the total expenditure on all the graphical outputs in the report.

Name

Monthly Outgoings

Amount

£ 1125

One Off

☐

Frequency

Monthly ▼

Indexation

0% ▼

Start Age

55

End Age

☒ Payable for Life

Cancel

Save & Add New...

Save

Field	Description
<b>Name</b>	Enter the name of outgoing amount.
<b>Amount</b>	Enter the amount.
<b>Frequency</b>	Select the frequency of this outgoing.
<b>Indexation</b>	Choose from the drop-down list.
<b>Start Age</b>	Enter the age that this outgoing will begin.
<b>End Age</b>	Enter that age at which this outgoing will cease, or select Payable for Life.

## Guaranteed Income

### Guaranteed Income

Enter your client's known current and future **Guaranteed Income**. You can specify benefits to be paid for life or just to a specific age.

What is your client's expected current and future income?

Include in Analysis	Income Type	Asset Name	Asset Belongs To	Amount	Start Age	End Age	
<input checked="" type="checkbox"/>	State Pension	State Pension	Mrs Rachel Jones	£12308.41	67	Life	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	State Pension	State Pension	Rupert Jones	£12288.12	67	Life	<a href="#">Edit</a>

Enter the client's expected income. Once the details have been entered, click **Save** or **Save & Add New** to save the income details. If the income being entered is the State Pension, there is the option to use system assumptions. The system will automatically calculate the client's state pension age, using their date of birth and gender.

Income

Enter your clients expected current and future income, this will be used to determine the income withdrawals required from their assets to achieve the required target income.

Asset Belongs To

Mrs Rachel Jones

Income Type

State Pension

Name

State Pension

Use System Assumptions?

☐ Yes
 ☒ No

Annual Income Amount

£

12308.41

Indexation

Other %

Other

2.5 %

Income Payable From Age

67

Income Payable To Age

☒ Guaranteed for Life

Cancel

Save & Add New...

Save

Field	Description
Asset Belongs To	Select whether this is an income from the main client or the partner.

<b>Income Type</b>	Select from the drop-down list.
<b>Name</b>	Enter the name of the income.
<b>Annual Income Amount</b>	Enter the annual amount.
<b>Indexation</b>	Choose from the drop-down list.
<b>Start Age</b>	Enter the age that this income will begin.
<b>End Age</b>	Enter that age at which this income will cease, or select Guaranteed for Life.



## Assets

Both Client and Partner assets can be entered here, including pensions, bonds, collectives, ISA's and other savings plans and investments. Use the tick boxes on the left to select which assets are to be included in the analysis and used to meet the clients target income.

### Assets

Assets entered will be used to provide your clients target income where required. The asset can be selected to remain with the current provider or be included in the transfer comparison.

Current value of other assets to be used in retirement?

Include in Analysis	Plan Type	Asset Name	Asset Belongs To	Fund Value	Valuation Date	Growth Rates	+
<input checked="" type="checkbox"/>	Pension	Pension	Mrs Rachel Jones	£118000 - Uncry £250000 - Cry	22/01/2026	0.5/3.5/6.5	Edit✕
<input checked="" type="checkbox"/>	ISA	Cash ISA	Mrs Rachel Jones	£25000	22/01/2026	0.5/1/1.5	Edit✕
<input checked="" type="checkbox"/>	Savings Plan	Savings	Mrs Rachel Jones	£20000	22/01/2026	0.5/1/1.5	Edit✕

### Assets

Assets entered will be used to provide your target income where necessary

Asset Belongs To Mrs Rachel Jones ▼

Plan Type Pension ▼

Name of Asset Pension

PCLS Already Taken ☐

Uncrystallised Fund Value £ 118000

Crystallised Fund Value £ 250000

Valuation Date 22/01/2026

Any regular contributions? ☐ Yes ☒ No

Growth Rates

Low	Mid	High
<span>0.5</span>	<span>3.5</span>	<span>6.5</span>

Estimated Annual Charge 1 %

Fund Retained ☐ % ☒ £

Include in transfer comparison? ☐ Yes ☒ No

Cancel

Save & Add New...

Save

Field	Description
Asset Belongs To	Select whether this is an asset belonging to the main client or the partner.



<b>Plan Type</b>	Select from the drop-down list.
<b>Name of Asset</b>	Enter the name of the asset.
<b>PCLS Already Taken</b>	If the asset is a pension, tick if the PCLS has already been taken.
<b>Uncrystallised/Crystallised Fund Value</b>	Enter the amounts of the fund values.
<b>Any regular contributions?</b>	Select as applicable.
<b>Monthly Contribution Amount</b>	Enter the amount being paid in each month.
<b>Indexation</b>	Choose from the drop-down list.
<b>Payable Until Age</b>	Enter the age that these contributions will cease.
<b>Growth Rates</b>	Enter the growth rates to project this asset forwards at.
<b>Estimated Annual Charge</b>	Enter the charge on this asset.
<b>Fund Retained</b>	Enter an amount or percentage of the asset that is not to be used to fund the target income.
<b>Include in transfer comparison</b>	If the asset is a pension, choose whether this plan is to be compared with other products. If no is selected here, there will be no option for a product comparison and the report will show the affordability of the target income. If yes is selected, a comparison of new pension providers will be included for a transfer of pension assets.



## Target Income

### Target Income

Enter your client's **Target Income** to be used in retirement. You can have multiple strategies, each with options to demonstrate different levels of income for your client.

Target income in Retirement

Name	+
Income	Edit ✕

Target Income can be entered to demonstrate levels of income required throughout retirement. There is no limit to the number of target incomes that can be entered. At least one target income must be entered to proceed. Multiple target income scenarios will be considered in isolation in the report.

**Target Income Strategy** ✕

### Target Income

Enter your client's **Target Income** to be used in retirement. You can have multiple strategies, each with options to demonstrate different levels of income for your client.

Name of Target Income Strategy

Is max PCLS required? ☐ Max PCLS

Please add any one off lump sum withdrawals

At Age	Asset	Amount	
65	Pension ▼	25000	✕

Is an income required? ☒ Yes ☐ No

How would you like to take any remaining TFC from your Pension plans? ☒ UFPLS / 25% ☐ All TFC First ☐ Other %  %

How would you like to specify the income? ☒ Monetary ☐ Percentage of Fund

How will this be expressed? ☒ Total Income ☐ Income Per Asset

Would you like to enter the income as Gross or Net? ☐ Net ☒ Gross

Client's target income ⓘ

From Age	Gross Income	Indexation	
65	22000.00	RPI ▼	✕

When should the income be taken each month? ☐ Advance ☒ Arrears

Field	Description
<b>Name of Target Income</b>	Enter the name of this target income.
<b>Please add any one-off lump sum withdrawals</b>	Enter the age at which one-off withdrawals are to be taken and the amount. If the client wishes to take multiple withdrawals, use the blue plus to add multiple rows. Alternatively, tick the box to take the maximum cash and enter the age that this will be taken. Withdrawals from pension assets will be treated as tax free, until the tax-free cash has been exhausted, at which point the withdrawals will become taxable.
<b>Is an income required?</b>	Select option
<b>Income Type?</b>	Select whether the income is to be a monetary figure or a percentage of the fund value.
<b>How would you like to take any remaining TFC from your pension plans?</b>	If maximum tax free cash has not already been taken, select from the options. UFPLS will assume that 25% of each payment will be tax free. All TFC first will take all of the income tax free until the tax free allowance has been used up. Other will allow the user to specify how much of each payment will be taken from the tax free cash.
<b>Expressed as</b>	Choose whether to enter the total income or income per asset.
<b>Would you like to enter the income as Gross or Net?</b>	Choose from the options.
<b>Target Income</b>	Enter the age that the income will start to be taken and the indexation. If the income amount needs to be changed at a later age, use the blue plus button to add another row.
<b>Taken In</b>	Choose from the options.

## Order and Blend Income Streams

This page will allow the user to specify how the assets are to be used to provide income.

### Order & Blend Income Streams

Drag and Drop the assets to set the order in which they are taken.  
You can blend assets using the control on the left side of the screen and then define the percentage split to be used for each asset.

**Asset Colours**  
Colour by Asset Type

**Blend Assets**  
Select a minimum of 2 assets to blend  
☐ Savings  
☐ Target ISA  
☐ Pension  
  

Create Blend

Update Graph

**Income Strategy**  
Income

1. Savings 

Savings Plan

2. Target ISA 

ISA

3. Pension 

Pension

Drag and drop each asset to set the order in which they are to be taken. If multiple assets are to be taken at the same time, tick the asset names on the left, then click Create Blend.

### Order & Blend Income Streams

Drag and Drop the assets to set the order in which they are taken.  
You can blend assets using the control on the left side of the screen and then define the percentage split to be used for each asset.

**Asset Colours**  
Colour by Asset Type

**Blend Assets**  
Select a minimum of 2 assets to blend  

Create Blend

Update Graph

**Income Strategy**  
Income

1. Blend 

Savings Plan ISA Pension

**Asset Split Percentages**  
Savings 10 %

Target ISA 20 %

Pension 70 %

Once the order has been set, use the Update Graph button to see how this affects the income in the graphs below. Hover over points on the graphs to see more information.

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Selectapension

## Changing Graph Colours

### Order & Blend Income Streams

Drag and Drop the assets to set the order in which they are taken.  
You can blend assets using the control on the left side of the screen and then define the percentage split to be used for each asset.

**Asset Colours**

Colour by Asset Type

**Blend Assets**

Select a minimum of 2 assets to blend

☐ Savings

☐ Target ISA

☐ Pension

Create Blend

Update Graph

**Income Strategy**

Income

1. Savings Savings Plan
2. Target ISA ISA
3. Pension Pension

Asset colours can be chosen by type or by the individual asset, using the Asset Colours drop-down. If Asset Type is selected, all assets of a selected type will be shown in the same colour. If Asset is selected, each asset can be given a different colour.

To change the selected colour, click on the asset on the right-hand side. This will open the option to choose a new colour.

### Order & Blend Income Streams

Drag and Drop the assets to set the order in which they are taken.  
You can blend assets using the control on the left side of the screen and then define the percentage split to be used for each asset.

**Asset Colours**

Colour by Asset Type

**Blend Assets**

Select a minimum of 2 assets to blend

☐ Savings

☐ Target ISA

☐ Pension

Create Blend

Update Graph

**Income Strategy**

Income

1. Savings Savings Plan
2. Target ISA ISA
3. Pension Pension

**Colour Picker**

Default Colours

Themed Colours

#3CB44B

### Income Graph

**Guaranteed Income Legend** State Pension State Pension

Graph View

**Target Income Vs Actual Income - Gross**

£50,000

Asset colours can also be set within Settings – Cashflow Asset/GTEE Colours.



## Remuneration

This page will only appear if the pension asset(s) have been included in the transfer comparison. Select **No** if remuneration is not being applied to this analysis. If remuneration is being taken, select **Yes** and complete the fields below.

**Remuneration**
Help

Remuneration to be applied
☒ Yes
☐ No



Subject to product criteria being met, all providers' products will be included. Each product will have the providers' standard charges applied plus the specified level of remuneration. All remuneration taken from within the product (i.e. not a personal payment by the client) is on a 1:1 basis.

Please be aware that not all Providers may be able to support the style of remuneration selected.

**Single Premium**

Initial  
 %

Fund Based  
 %  
 pa

Advanced Fee Styles

**Regular Premium**

Level ☐
Initial\* ☐  
 %  
 \*\*

Fund Based  
 %  
 pa

\* % of 1st year's premium.

\*\* A monetary value will be treated as an Initial Fee.

Field	Description
<b>Single Premium – Initial</b>	Enter the initial fee as a percentage or monetary amount.
<b>Single Premium – Fund Based</b>	Enter the ongoing fee to be taken from the plans.
<b>Regular Premium – Level/Initial</b>	Enter the charge on the regular contributions as a percentage or monetary amount.
<b>Regular Premium – Fund Based</b>	Enter the ongoing fee to be taken from the contributions.
<b>Advanced Fee Styles</b>	This option allows the user to be more specific about how the payments will be taken.

## Product Selection

### Product Features

Products Available: 81

Show Products

Feature Templates

No Templates

Selected Features

+

AKG Company Profile - Overall Financial Strength Rating

+

Fund Switches / Redirection

-

Online Access

☐ Online Applications

☐ Online Literature

☐ Online Quotations

☒ Online Valuations

+

Regular Contributions

+

Single Contributions/Transfers

+

Product Guarantee

+

Investment Options

+

Commercial Property

+

Portfolio Options

+

Drawdown Options

+

Other Features

☐ Save as New Template

<< Back

Next >>

This page will only appear if the pension asset(s) have been included in the transfer comparison.

If the new product is required to have specific features, they may be selected from the options shown. Only products that meet these criteria will be included in the results. The products available can be viewed by clicking on the **Show Products** button to the right of **Products Available**.

The features selected can be saved as a template for future use by ticking the box to **Save as New Template** and giving it a name. This will be saved automatically when you click **Next**.

## New Investment

This page will only appear if the pension asset(s) have been included in the transfer comparison. The investment options for the new plan can be selected from **Funds & Sectors**, **User Templates**, **Managed Portfolios** and **Plan Default Settings**. See the Funds Functionality user guide for further information on how to use these options.

### New Investment

**Products Available: 99** [Show Products](#)

[Funds & Sectors](#) [User Templates](#) [Managed Portfolios](#) [Plan Default Settings](#)

When selecting a specific fund/template, the system will filter out any products that do not offer these funds. The products that do offer them can be viewed by clicking the **Show Products** button next to **Products Available**. Any products that were filtered out on the previous page will also show here under **Unavailable Plans** along with the reason that they were filtered out.

Available Plans	
Provider	Plan
abrdn Elevate	abrdn Elevate Elevate Pension Investment Account (1114)
abrdn Wrap	abrdn Wrap SIPP for Wrap (Provided by Standard Life Assurance Ltd)(28084)
Aegon Platform	Aegon Platform Pension Account(15806)
Aegon Platform	Aegon Platform SIPP(15340)
Aegon Retirement Choices	Aegon Retirement Choices One Retirement(3955)

Unavailable Plans		
Provider	Plan	Reason
@SIPP	@SIPP Collective SIPP(2398)	Does not include all the selected product features.
@SIPP	@SIPP Collective SIPP(27905)	Does not include all the selected product features.
@SIPP	@SIPP Full SIPP(2400)	Does not include all the selected product features.




## Alternative Products

All product types will be selected as default, but these can be removed if desired.

**Growth Rates for Analysis** will show according to the **Projection Basis** selected on the **Proposed Analysis** page, but these can be changed if desired.

Hybrid SIPP	<input checked="" type="checkbox"/>	Open Architecture SIPP	<input checked="" type="checkbox"/>	Personal Pension	<input checked="" type="checkbox"/>
Platform	<input checked="" type="checkbox"/>				

 Growth Rates for Analysis

Low:	<input type="text" value="2"/>	%	Medium:	<input type="text" value="5"/>	%	High:	<input type="text" value="8"/>	%
------	--------------------------------	---	---------	--------------------------------	---	-------	--------------------------------	---

By ticking **Select all providers** and **Select all products** at the top, all available providers and products will be included in the comparison. Alternatively, the providers and products can be selected manually from the list below.

<b>Select all providers</b> <input checked="" type="checkbox"/>		<b>Select all products</b> <input checked="" type="checkbox"/>		<b>&lt;&lt; Back</b>	<b>Next &gt;&gt;</b>
Bespoke Plans	<input type="checkbox"/>	Intelligent Money	<input checked="" type="checkbox"/>		
7IM	<input checked="" type="checkbox"/>	Investacc	<input checked="" type="checkbox"/>		
@SIPP	<input checked="" type="checkbox"/>	James Hay Partnership	<input checked="" type="checkbox"/>		
AJ Bell	<input checked="" type="checkbox"/>	LV=	<input checked="" type="checkbox"/>		
AJ Bell Investcentre	<input checked="" type="checkbox"/>	Novia	<input checked="" type="checkbox"/>		
Advance by Embark (ex-Zurich)	<input checked="" type="checkbox"/>	Nucleus	<input checked="" type="checkbox"/>		
Aegon Platform	<input checked="" type="checkbox"/>	Odyssey Pensions Limited	<input checked="" type="checkbox"/>		
Aegon Retirement Choices	<input checked="" type="checkbox"/>	Old Mutual Wealth	<input checked="" type="checkbox"/>		
Alltrust	<input checked="" type="checkbox"/>	Organic Investment Management	<input checked="" type="checkbox"/>		
Apex Pension Administration Limited	<input checked="" type="checkbox"/>	Parmenion	<input checked="" type="checkbox"/>		

Once the providers have been chosen, a list of available plans will show below. If a product is greyed out, this will be because one or more filters is not available on this plan. These can be viewed by hovering over the **I** button.

If the client has an existing investment with a product, they may be entitled to a large fund discount. Existing investments can be included by ticking the **Existing Plan** box and entering the amount already invested. This amount will not be included in the analysis, but will be used to calculate charges within the existing product.

## Results Summary

When the analysis is run, a list is displayed of all products selected for comparison.

Comparison Results at Age 82

Help

Remuneration >>

Choose your Income Strategy, Guaranteed Percentage and Growth Rate by using the dropdown boxes.

To view the Year on Year Income Analysis click on symbol.

Choose Income Strategy

Multiple Assets

Growth Rate

5%

Provider	Product	Pension Fund Value	Other Assets Fund Value	Total Drawdown Income	Total Other Assets Income	Total Other Guaranteed Income	
James Hay Partnership	<a href="#">Modular iSIPP</a>	£0	£1,030,000	£0	£347,000	£537,000	<input checked="" type="checkbox"/>
Ascentric	<a href="#">Pension Account</a>	£0	£1,030,000	£0	£347,000	£537,000	<input type="checkbox"/>
Transact	<a href="#">Personal Pension</a>	£0	£1,030,000	£0	£347,000	£537,000	<input type="checkbox"/>
AJ Bell	<a href="#">A J Bell Platinum SIPP</a>	£0	£1,030,000	£0	£347,000	£537,000	<input type="checkbox"/>

Use the



Choose Income Strategy and Growth Rate drop-downs to change the result set.

Age	Pension Fund Value	Other Assets Fund Value	Gross Drawdown Income	Net Drawdown Income	Gross Other Assets Income	Net Other Assets Income	Gross Other Guaranteed Income	Net Other Guaranteed Income
50	0.00	435217.01	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	452622.82	0.00	0.00	0.00	0.00	0.00	0.00
52	0.00	470751.28	0.00	0.00	0.00	0.00	0.00	0.00
53	0.00	489633.15	0.00	0.00	0.00	0.00	0.00	0.00
54	0.00	509300.50	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	529786.81	0.00	0.00	0.00	0.00	0.00	0.00
56	0.00	551126.99	0.00	0.00	0.00	0.00	0.00	0.00
57	0.00	573357.49	0.00	0.00	0.00	0.00	0.00	0.00
58	0.00	596516.30	0.00	0.00	0.00	0.00	0.00	0.00
59	0.00	620643.08	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	645779.20	0.00	0.00	0.00	0.00	0.00	0.00
61	0.00	671967.83	0.00	0.00	0.00	0.00	0.00	0.00
62	0.00	699254.01	0.00	0.00	0.00	0.00	0.00	0.00
63	0.00	715147.73	0.00	0.00	12000.00	12000.00	1000.00	1000.00
64	0.00	744210.98	0.00	0.00	0.00	0.00	1030.00	1030.00
65	0.00	748158.76	0.00	0.00	26039.53	26039.53	13960.47	13960.47
66	0.00	751835.41	0.00	0.00	26885.21	26885.21	14314.79	14314.79
67	0.00	768842.85	0.00	0.00	14205.26	14205.26	28230.74	28230.74
68	0.00	786170.35	0.00	0.00	14766.94	14746.65	28942.14	28942.14
69	0.00	803822.32	0.00	0.00	15348.87	15299.06	29671.49	29671.49
70	0.00	821803.17	0.00	0.00	15951.72	15870.97	30419.24	30419.24

Click on the table icon next to each plan to display the year on year results.

## Adjusting Plan Charges

The charges on a plan can be adjusted by clicking on the green plus icon.

AJ Bell A J Bell Platinum SIPP   £0 £1,030,000 £0 £347,000 £537,000 ☐

Adjust Allocation  %

Adjust AMC  % **Fund Splits**

Lump Sum  Once only  Once only

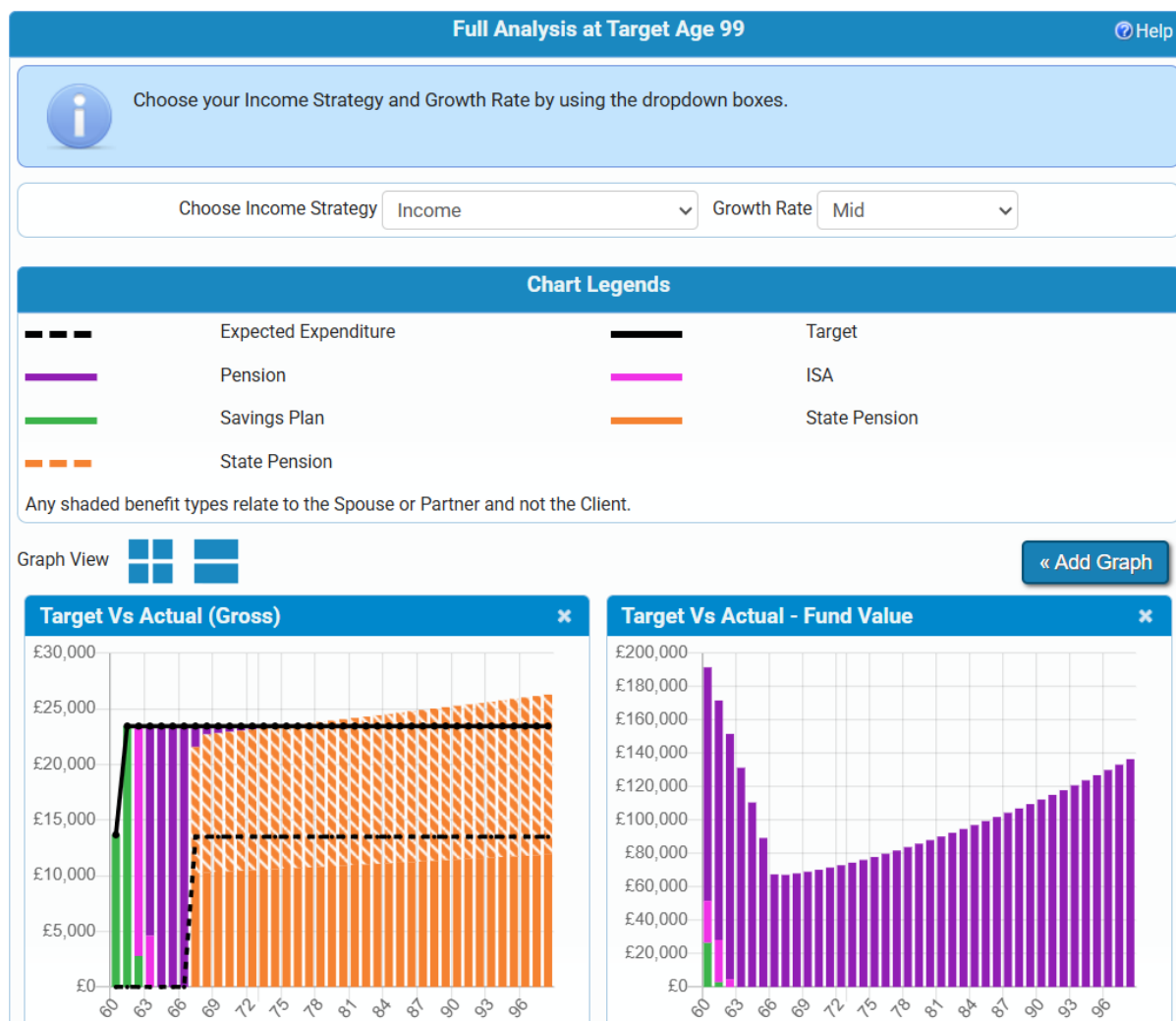
In order to bespoke the charging structure, use the information below to complete the relevant fields.

Field	Description
<b>Adjust Allocation</b>	A positive value here will enhance the fund. A negative value will reduce the fund, creating an additional charge.
<b>Adjust AMC</b>	Select positive to increase the AMC and negative to decrease the charge.
<b>Lump Sum</b>	Select positive to enhance the fund and negative to create a charge. Use the drop-down list to specify the frequency of the charge.
<b>Fund Splits</b>	The fund splits option can be used when the analysis has been run on <b>Plan Default Settings</b> . Enter the name, charge and split of the funds to override the default fund.

Once the adjustments have been made, click the **Recalculate** button at the foot of the page. The revised results will be shown and highlighted accordingly.

To proceed to the full analysis, select a plan using the **tick boxes** on the right-hand side of the page and click **Next**.

## Full Analysis at Target Age



Use the add graph button below the chart legend to drag and drop the sustainable income and the effects on the fund value graphs.

**Target vs Actual** graph shows the target income specified against the available income from the fund up to the target age.

**Target vs Actual - Fund Value** graph shows the effect that taking the target income will have on the fund value until the target age.

**Target vs Sustainable** graph shows the level of income that can be taken to completely exhaust the fund at target age.

**Target vs Sustainable - Fund Value** graph shows the effect of taking the sustainable income will have on the fund value until the target age.

## Stress Testing

Stress Testing

The Stress Test comparison will include a separate set of graphs to show you the effect of various stress testing models.

Add Market Event Stress Test
Add Randomiser Stress Test
Save & Update Graphs

Market Event Stress Test

Market Event	From Age	+	Assets to be included in Stress Test	Select: All   None
2008 Stock Market Crash	65		Pension	<input checked="" type="checkbox"/>
			Target ISA	<input checked="" type="checkbox"/>
			Savings	<input type="checkbox"/>

The stress test comparison will include a separate set of graphs to show the effect of various stress testing models. These will appear automatically after clicking Save. There is a choice of pre-built scenarios or the option to create a bespoke model for your client.

Select whether the stress test will be randomised or based on a market event.

Using **Market Event** will allow the user to choose from the drop-down list of defined events or to create a market event. To create a new market event, choose the option to **Create New Market Event** from the drop-down list, or go to **Personal Settings**, then **User Market Events** and click the green plus icon to add a **New User Market Event**. The user can specify what growth rates to use throughout the period or select a Morningstar Index. Once saved, this new market event will appear in the drop-down list in the analysis.

User Market Event

Use Index ☒

Select Index Morningstar UK

Start Date 01/01/2007

Term (months) 24

Load

Month	Growth	
		<input type="text"/>
		<input type="text"/>

Close

Save

The **Randomiser** option allows the user to set a minimum and maximum growth rate, then the system will project forwards using a random series of values between these two perimeters.

Stress Testing

The Stress Test comparison will include a separate set of graphs to show you the effect of various stress testing models.

Add Market Event Stress Test

Add Randomiser Stress Test

Save & Update Graphs

Randomiser Stress Test

Min %

Max %

From Age

To Age

+

-1

%

2

%

60

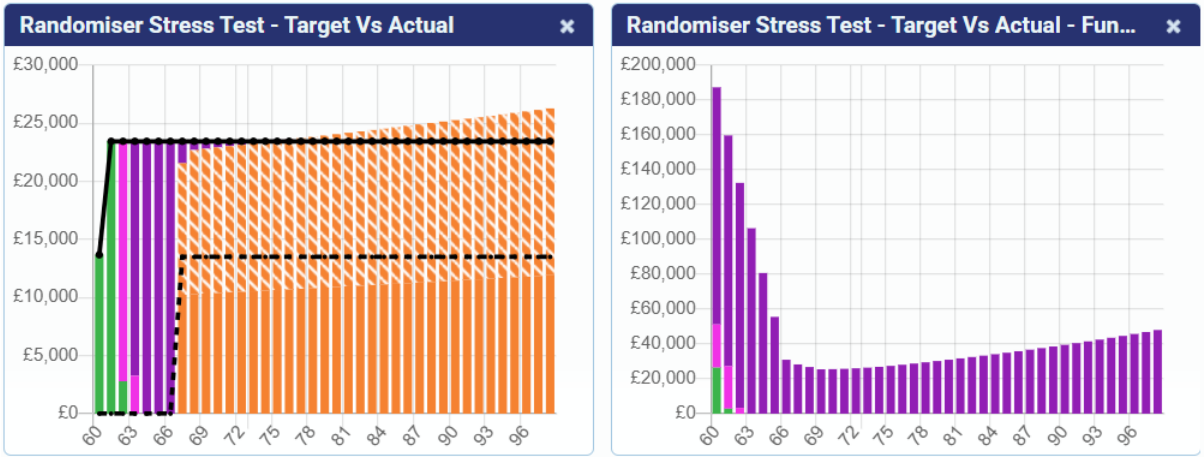
70

Assets to be included in Stress Test

Select: All | None

Pension	<input checked="" type="checkbox"/>
Target ISA	<input checked="" type="checkbox"/>
Savings	<input type="checkbox"/>

Once the option to use **Market Events** or the **Randomiser** has been selected, the user will need to identify which assets will be affected. Enter the age at which the stress test will start and click calculate. Once the end age for the stress test has been reached, the system will revert back to using the growth rates entered for the assets. There is no limit to the number of stress tests that can be added to an analysis.



The stress testing graphs will show results as above, but including the effects of the specified stress testing scenarios entered at the top of the screen.

Click the **Print Options** button to go to the report.

## Print Options

A second window will open up with the following options.

Additional Notes

Help

Analysis Label:

Print Options	
Select All	<input type="checkbox"/>
Report	<input checked="" type="checkbox"/>
Strategy Growth Rates	<input type="checkbox"/> 2% <input checked="" type="checkbox"/> 5% <input type="checkbox"/> 8%
Include Strategy 1 – Multiple Assets	<input checked="" type="checkbox"/>
Include Strategy 2 – Target Income	<input checked="" type="checkbox"/>
Show Gross or Net graphs for income?	<input checked="" type="radio"/> Gross <input type="radio"/> Net
Details Entered	<input checked="" type="checkbox"/>
Remuneration	<input checked="" type="checkbox"/>
Include Fund Fact Sheets	<input type="checkbox"/>
Include Morningstar Portfolio X-rays	<input type="checkbox"/>
Include Nil Remuneration	<input type="checkbox"/>
Report Date Label	Report Print Date ▾
Upload Report to IO	<input type="checkbox"/>

Create Word Report >>

Create PDF Report >>

The **Additional Notes** box allows for free text, which will appear in the report along with the selected product details. If an adjustment to these charges has been made, a reason for the change should be recorded here.

The **Analysis Label** is optional and will appear on the report cover. This label can also be used to identify the report if different versions have been produced.

Use the tick boxes to choose features to include in the report.